

Technische Information
Stromlaufplan

Service Manual
Circuit Diagram

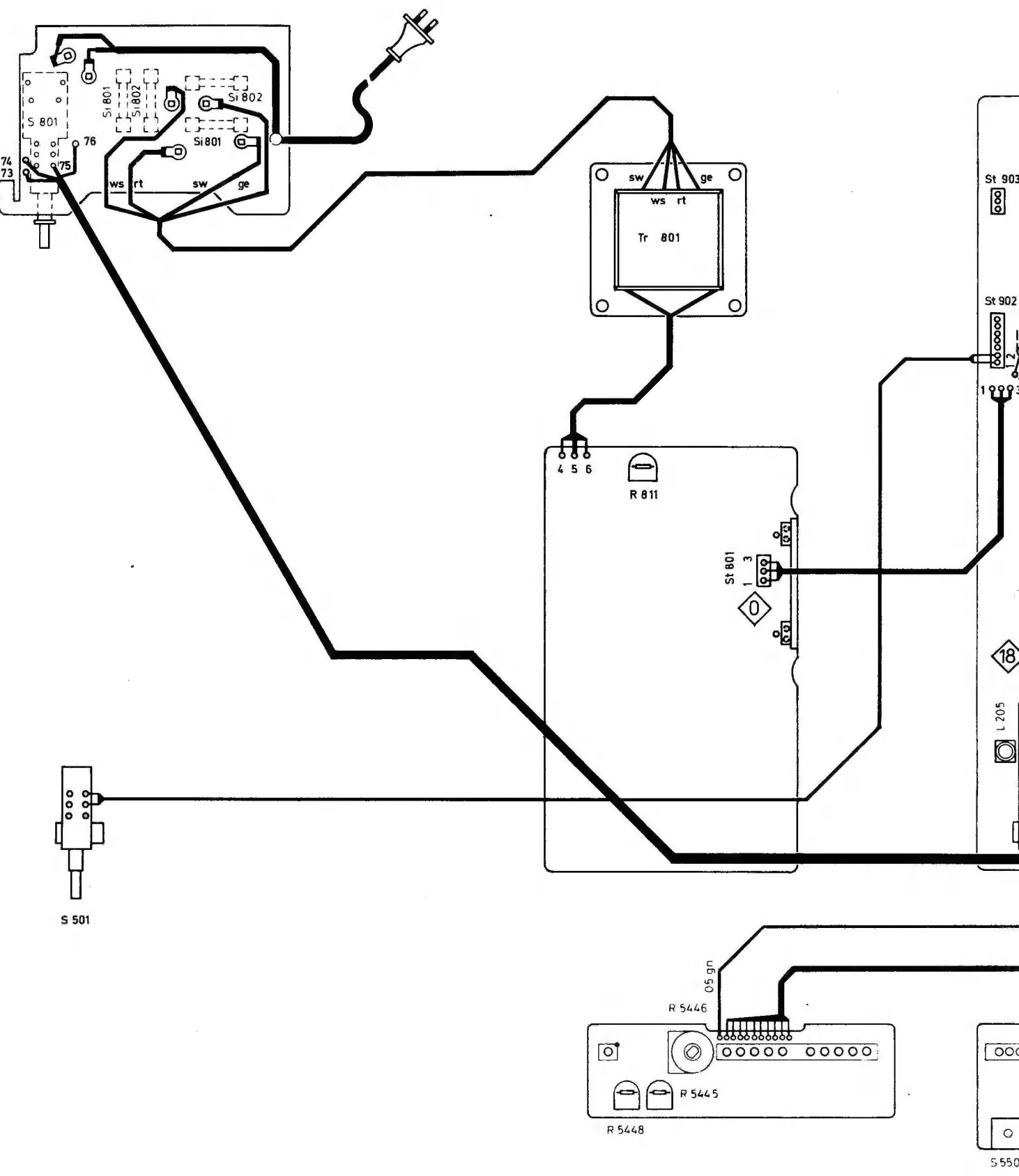
Information Technique
Schéma

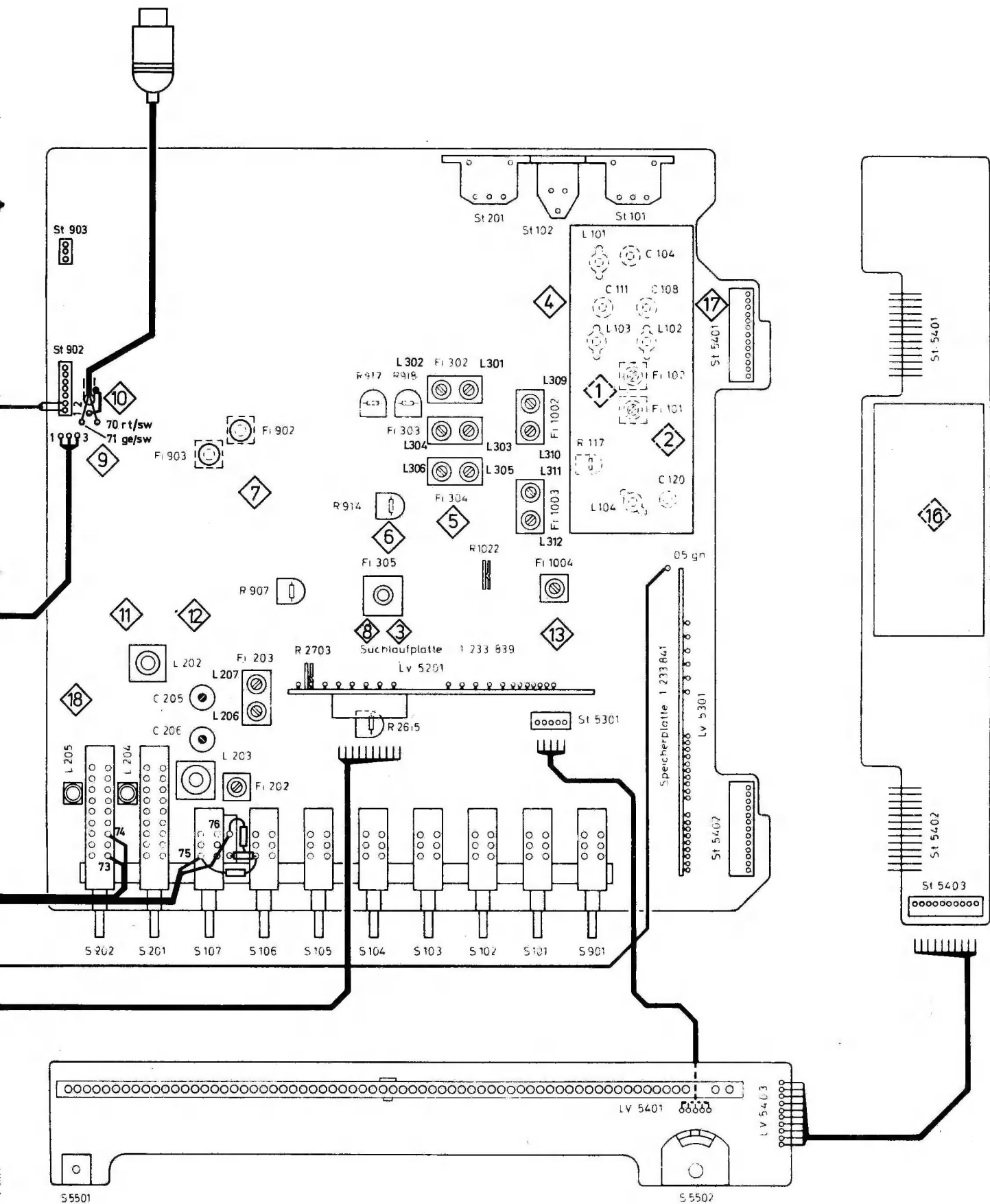
Typ/Type: Synthesizer Tuner
TS 501

Synthesizer Tuner
TS 501

Syntisateur
TS 501

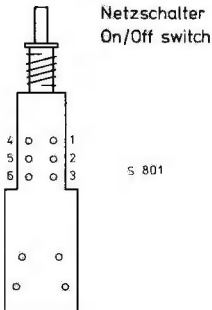
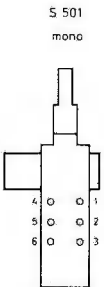
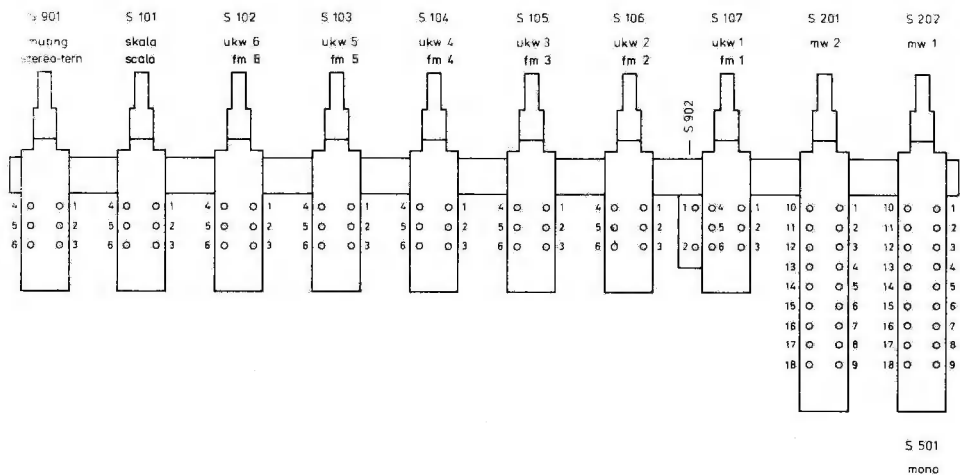
Lageplan
Component location
Schéma



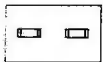


Anschlußcode
Connection Code
Code de connexion

Tastatur
p-b. switches



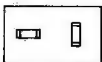
Steckverbindungen
pluggable connections



antenne fm 240 Ω

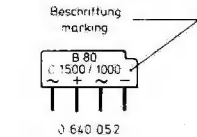


antenne 75 Ω

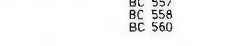
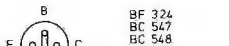
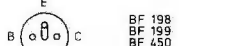


antenne am

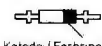
Gleichrichter
rectifiers



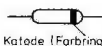
Transistoren
transistors



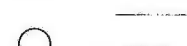
Dioden
diodes



Katode (Farbring)
cathode (coloured ring)



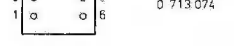
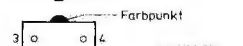
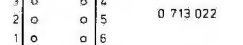
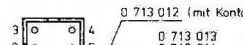
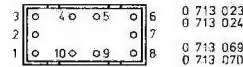
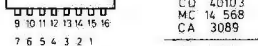
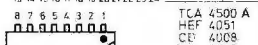
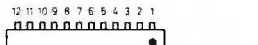
Katode (Farbring)
cathode (coloured ring)



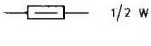
Kondensatoren
capacitors



Integrierte Schaltungen
integrated circuits



Widerstände
resistors



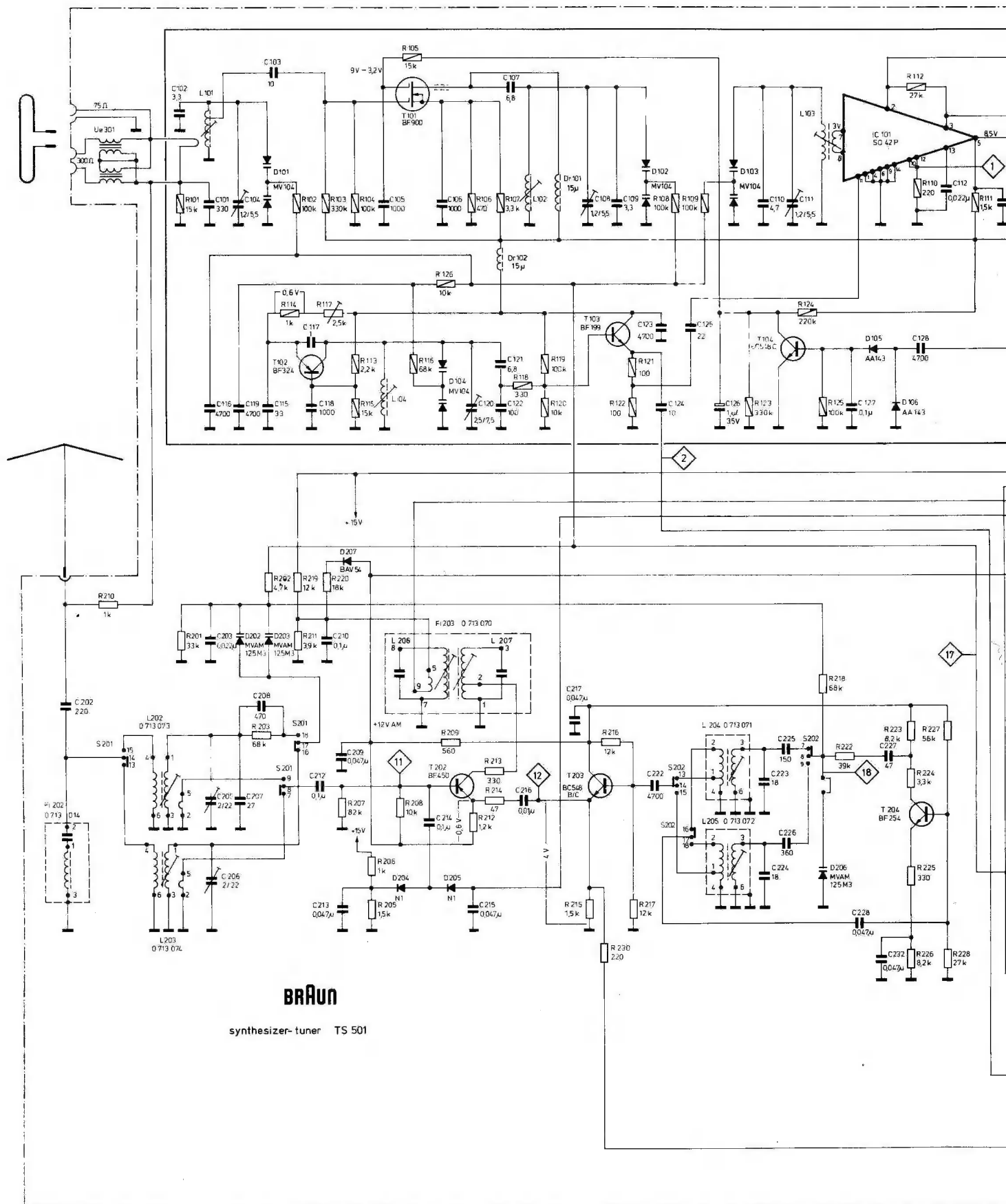
Batterie
Battery

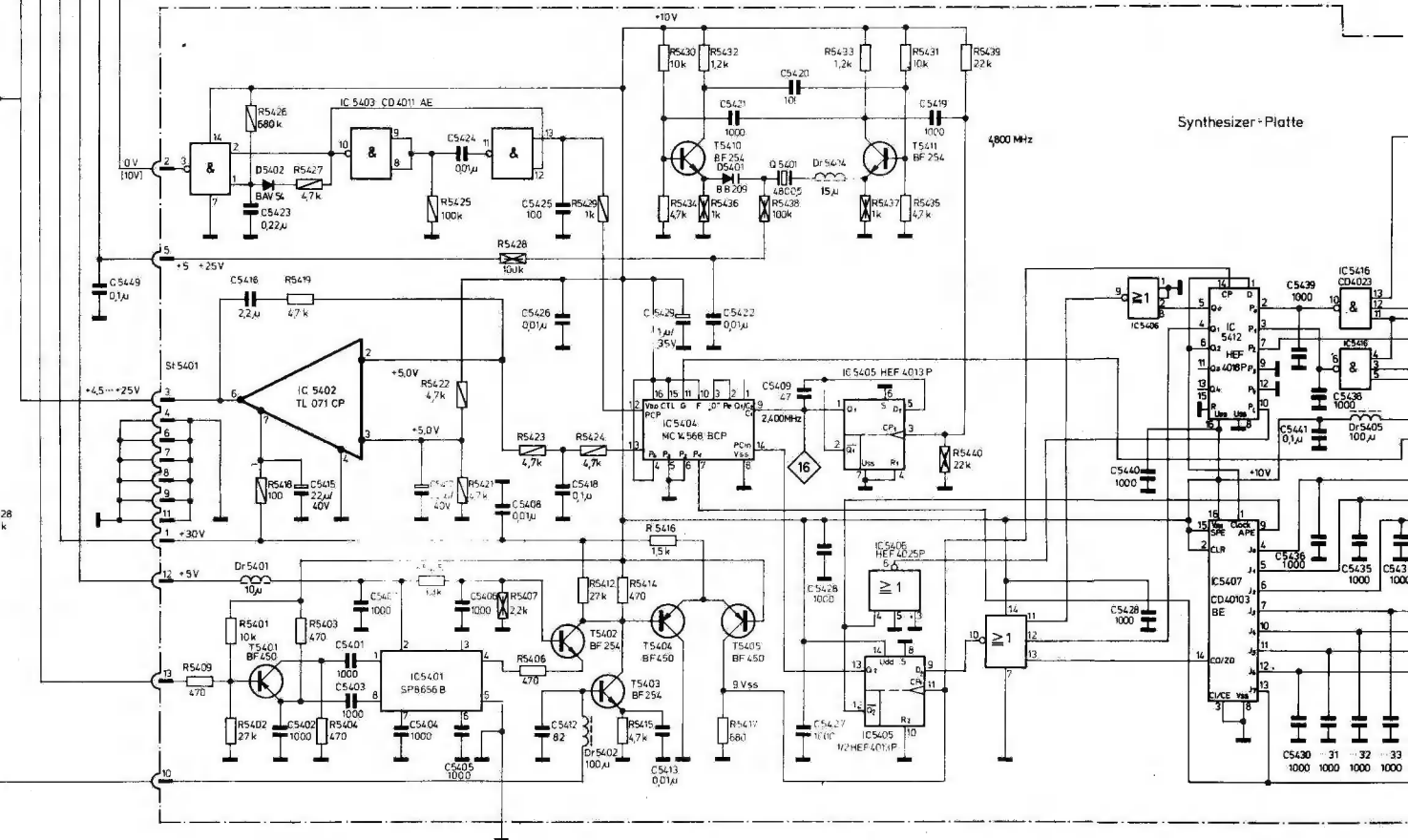
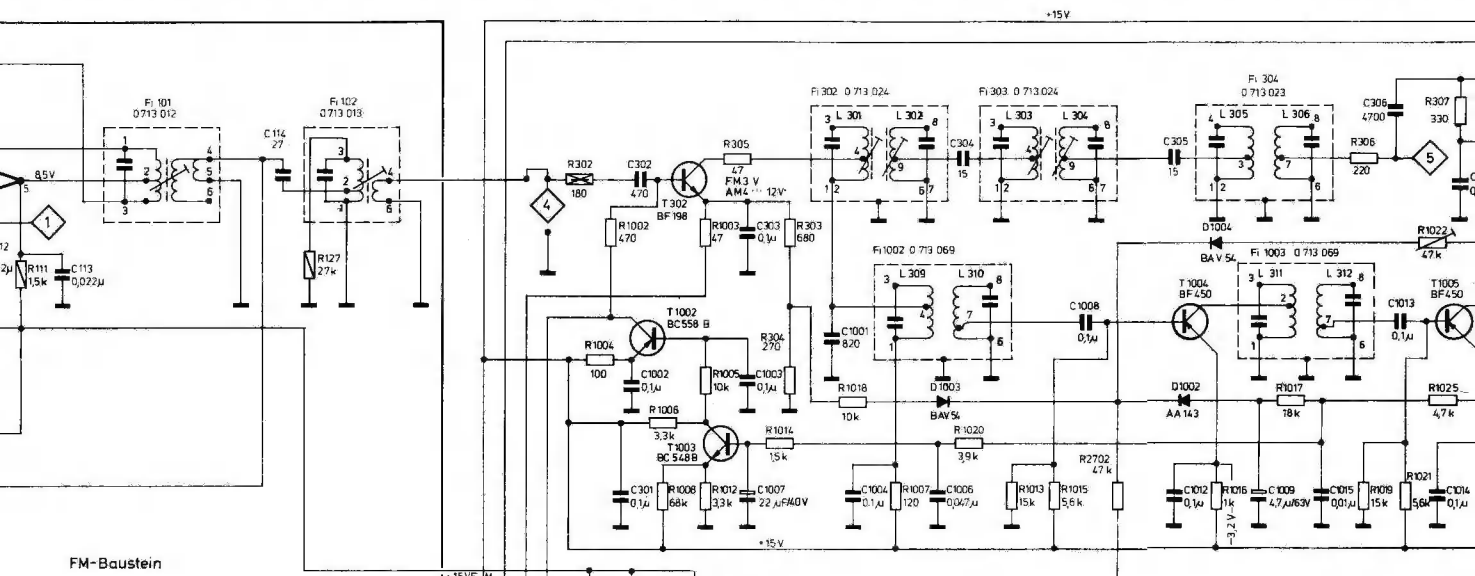


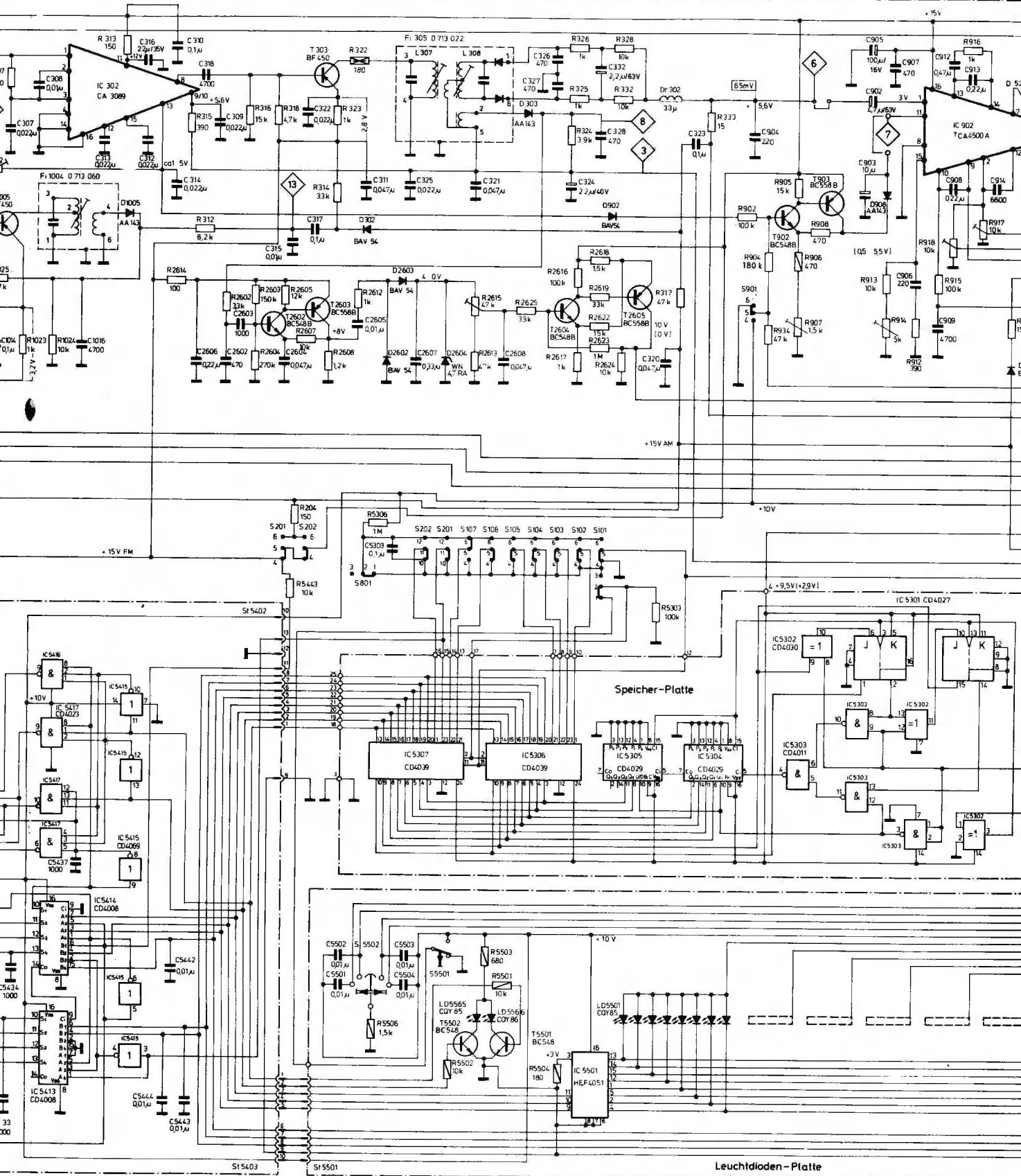
0 690 050

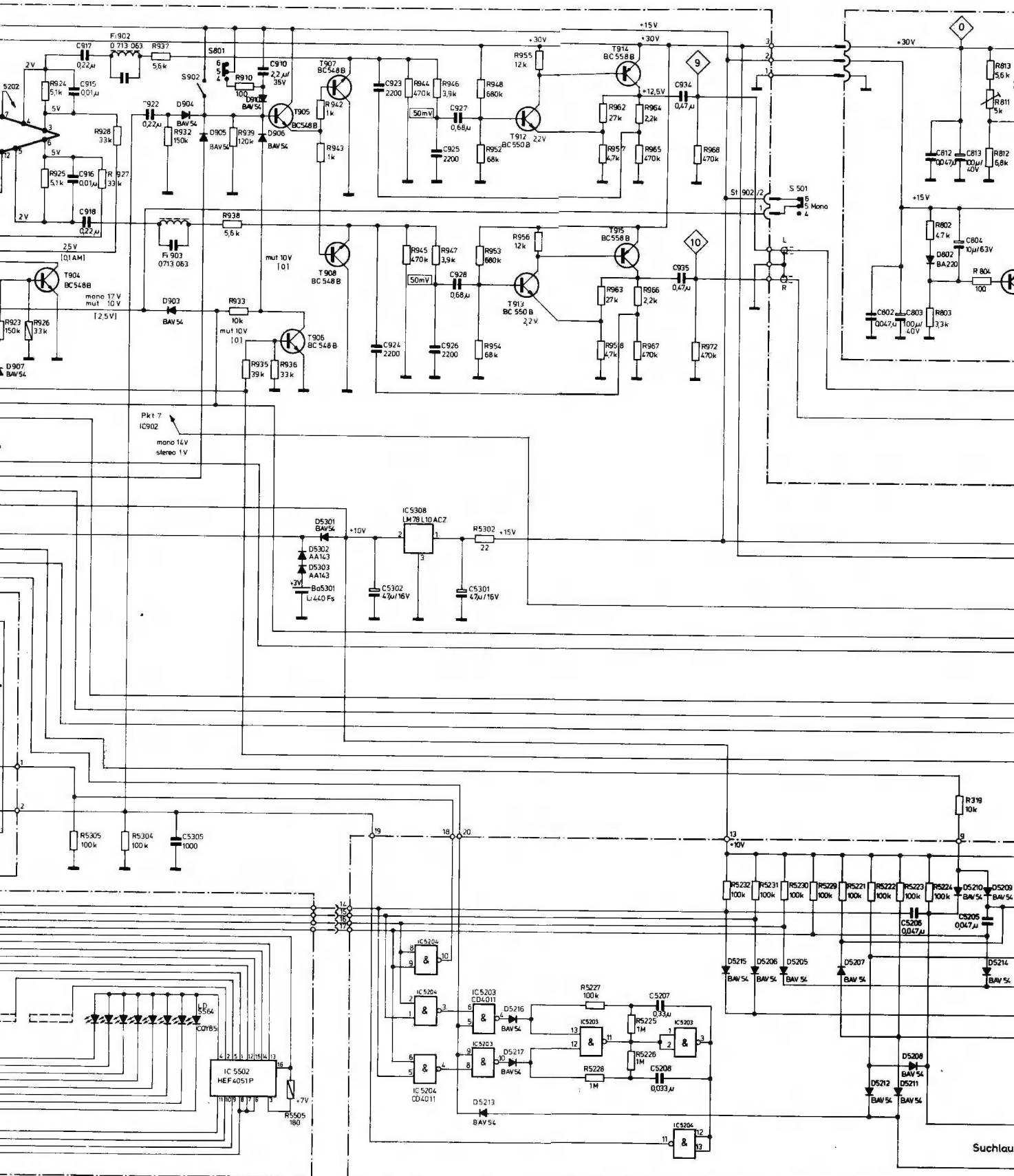
Lithium-Batterie: Li 440 FS
Lithium-battery: Li 440 FS

Stromlaufplan Circuit Diagram Schéma

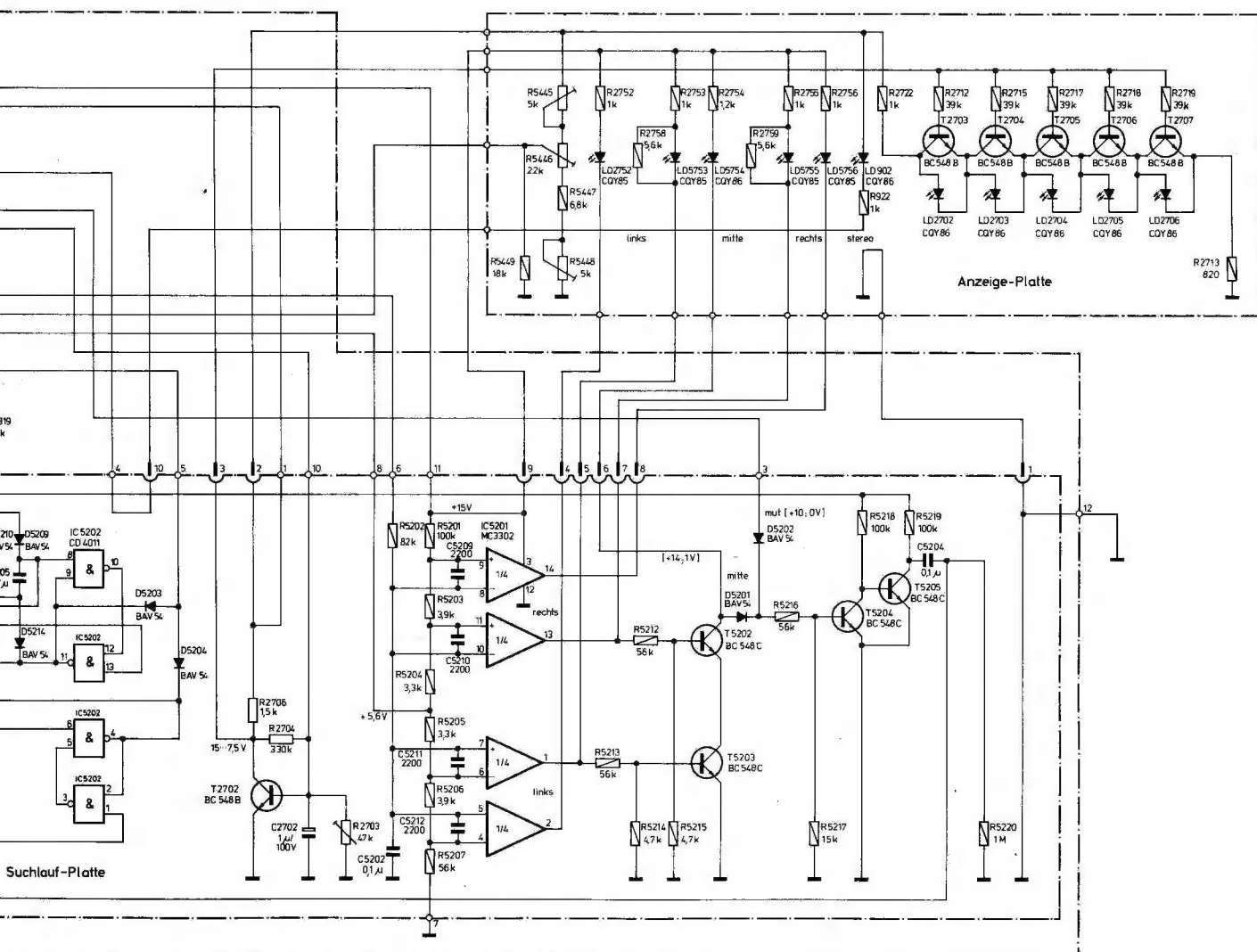








Suchlau



Hinweise zum Stromlaufplan TS 501

Gezeichnete Schalterstellungen:

Stationstasten: UKW 1 gedrückt
stereo-fern/muting
gedrückt

Spannungsangaben ohne Bezugslinie
sind gegen Masse zu messen.
Gemessen wird generell bei 220 V
Netzspannung und mit einem Meß-
instrument, dessen Eingangswiderstand
mindestens 50 k Ω /V beträgt.

Frequenzbereiche:

UKW 87,5... 106,6 MHz
in 100 kHz-Schritten
MW₁ 519 ... 1092 kHz
in 3 kHz-Schritten
MW₂ 1059 ... 1632 kHz
in 3 kHz-Schritten

Oszillatorspannungen:

UKW ca. 20 mV an Meßpunkt 2
MW₁ ca. 100 mV an Meßpunkt 3
MW₂ ca. 100 mV an Meßpunkt 3

gemessen mit UHF-Millivoltmeter URV
Rhode & Schwarz

Notes on Circuit Diagram TS 501

Switch positions shown:

Station push buttons: FM 1 depressed
Stereo-far/muting
depressed

Voltages without reference lines are
measured to ground (chassis).
Measurements should always be carried
out at 220 V mains voltage with a 50 k Ω /V
meter.

Tuning range:

UKW 87,5... 106,6 MHz
at 100 kHz-steps
MW₁ 519 ... 1092 kHz
at 3 kHz-steps
MW₂ 1059 ... 1632 kHz
at 3 kHz-steps

Local oscillator voltages:

UKW ca. 20 mV at test point 2
MW₁ ca. 100 mV at test point 3
MW₂ ca. 100 mV at test point 3

measured with Rhode & Schwarz UHF
Millivoltmeter, type URV.

Indications pour le schéma TS 501

Positions des touches:

Touches de stations: FM 1 enfoncée
stéréo lointaine/
muting enfoncée

Indications de tension sans ligne de base
sont mesurés sur potentiel négatif.
Les valeurs sont mesurées généralement
avec une tension de 220 V et avec un
instrument de mesure d'une résistance
d'entrée de plus que 50 k Ω /V.

Gammes: FM et AM

FM 87,5... 106,6 MHz
à distance de 100 kHz
PO₁ 519 ... 1092 kHz
à distance de 3 kHz
PO₂ 1059 ... 1632 kHz
à distance de 3 kHz

Tensions oscillateur:

FM environ 20 mV à point de mesure 2
PO₁ environ 100 mV à point de mesure 3
PO₂ environ 100 mV à point de mesure 3

Mesure avec UHF Millivolt mètre URV
Rhode et Schwarz